AMENDMENT TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) Method for the preparation of aqueous solutions of reactive chlorine compounds, ~~preferably dichloric acids and peroxochlorous acid, characterised in that~~ comprising the steps of:

(a) reacting chlorine dioxide ~~is reacted~~ with an aqueous or water-containing solution of hydrogen peroxide or another hydroperoxide or peroxide at a pH value of >= 6,5,

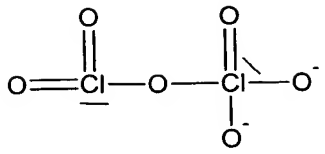
(b) lowering the pH value ~~is lowered~~ to 3 to 6 ~~by the addition of~~ adding an acid,

(c) expelling the gaseous free reactive chlorine compound~~, preferably the dichloric acids or the peroxochlorous acid, respectively, is expelled~~ with a cooled gas and ~~collected~~ collecting the chlorine compound in a basic solution with a pH value of >10, and

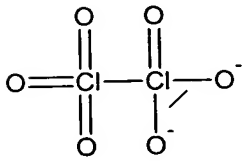
(d) incubating the collected reactive chlorine compound~~, preferably the preferably the dichloric acids or the peroxochlorous acid, is incubated~~ with an up to 100-fold excess~~, preferably an up to 10-fold excess~~ of chlorite at a pH value of 6 to 8~~, preferably about 7~~.

2. (Currently Amended) Aqueous solutions of reactive chlorine compounds ~~obtainable~~ obtained according to the method of claim 1.

3. (Currently Amended) Aqueous solutions according to Claim 2 comprising dichloric acids of formula $H_2Cl_2O_6$ and the derivatives, anions or salts thereof with the structural formula of the anions



(I)



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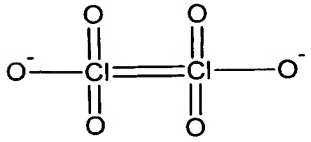

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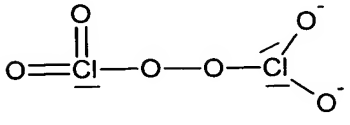

(IV)

~~wherein the dichloric acids of the anions with structural formulas I – III are especially preferred, obtainable according to the method of claim 1~~.

4. (Currently Amended) Aqueous solution according to claim 2 comprising peroxochlorous acid or the anions, derivatives or salts thereof with the structural formula O=ClOOH or $O=ClOO^-$, respectively~~, obtainable according to the method in Claim 1~~.

5. (Currently Amended) Aqueous solution according to Claim [[2]] 3 comprising dichloric acids, and the anions, derivatives or salts thereof, ~~according to Claim 3~~ and peroxochlorous acid and the anions, derivatives and salts thereof~~, according to Claim 4~~ with the structural formula:

O=ClOOH or $O=ClOO^-$.

6. (Currently Amended) Aqueous solution according to ~~one of claims 2 to~~ claim 5 with a concentration of dichloric acids and derivatives, anions or salts thereof ~~according to Claim 3~~, or of peroxochlorous acid and derivatives anions and salts thereof ~~according to Claim 4, respectively,~~ of at least 0.01 M~~, preferably of at least 0.025 M, especially preferable of at least 0.05 M, very specially preferable of at least 0.075 M, even more preferably of at least 0.1 M and most preferable of all of at least 0.5 M~~.

7. (Currently Amended) Dichloric acids and derivatives, anions and salts thereof according to Claim 3~~, whereby the dichloric acids depicted by the structural formulae I to III are preferred~~.

8. (Original) Alkaline metal, alkaline-earth metal, zinc, ammonia and amine salts of dichloric acids or derivatives thereof according to Claim 7.

9. (Original) Peroxochlorous acid and anions, derivatives or salts thereof according to Claim 4.

10. (Original) Alkaline metals, alkaline-earth metal, zinc, ammonia and amine salts of peroxochlorous acid and derivatives thereof according to Claim 9.

11. (Currently Amended) Method according to Claim 1~~, characterised in that~~ comprising collecting the free reactive chlorine compound~~, preferably the dichloric acid according to Claim 3 or the peroxochlorous acid according to Claim 4, or derivatives thereof, are collected~~ by a cold trap.

12. (Currently Amended) Method according to Claim 1~~, thereby characterised in that~~ comprising feeding the free reactive chlorine compound~~, preferably the dichloric acid, peroxochlorous acid or derivatives thereof from step (d) is fed~~ into an aqueous alkaline solution~~, preferably with a pH value of equal to or greater than 10 up to about 13~~.

13. (Currently Amended) Method according to Claim 12~~, thereby characterised in that an~~ wherein the alkaline soluction comprises a base selected from the group consisting of alkaline metals, alkaline-earth metals, zinc, ~~or~~ nitrogen ~~base~~ bases ~~or a~~ and ~~hydroxide~~ hydroxides of [[a]] quaternary ammonium ~~salt is used as a base~~ salts.

14. (Currently Amended) Method according to Claim 1~~, characterised in that~~ comprising stabilizing the solutions obtained from step (d) ~~are stabilised~~ by increasing the pH value.

15. (Currently Amended) Pharmaceutical preparation comprising at least an aqueous solution according to ~~one of claims~~ claim 2 ~~to 5 or a dichloric acid according to Claim 7 or a peroxochlorous acid according to Claim 9 and/or derivatives, anions or salts thereof according to Claims 8 or 10~~.

16. (Currently Amended) Pharmaceutical preparation according to Claim 15~~, characterised in that it is~~ formulated for parental or topical administration.

17. – 20. (Canceled)